

# FIG. 1

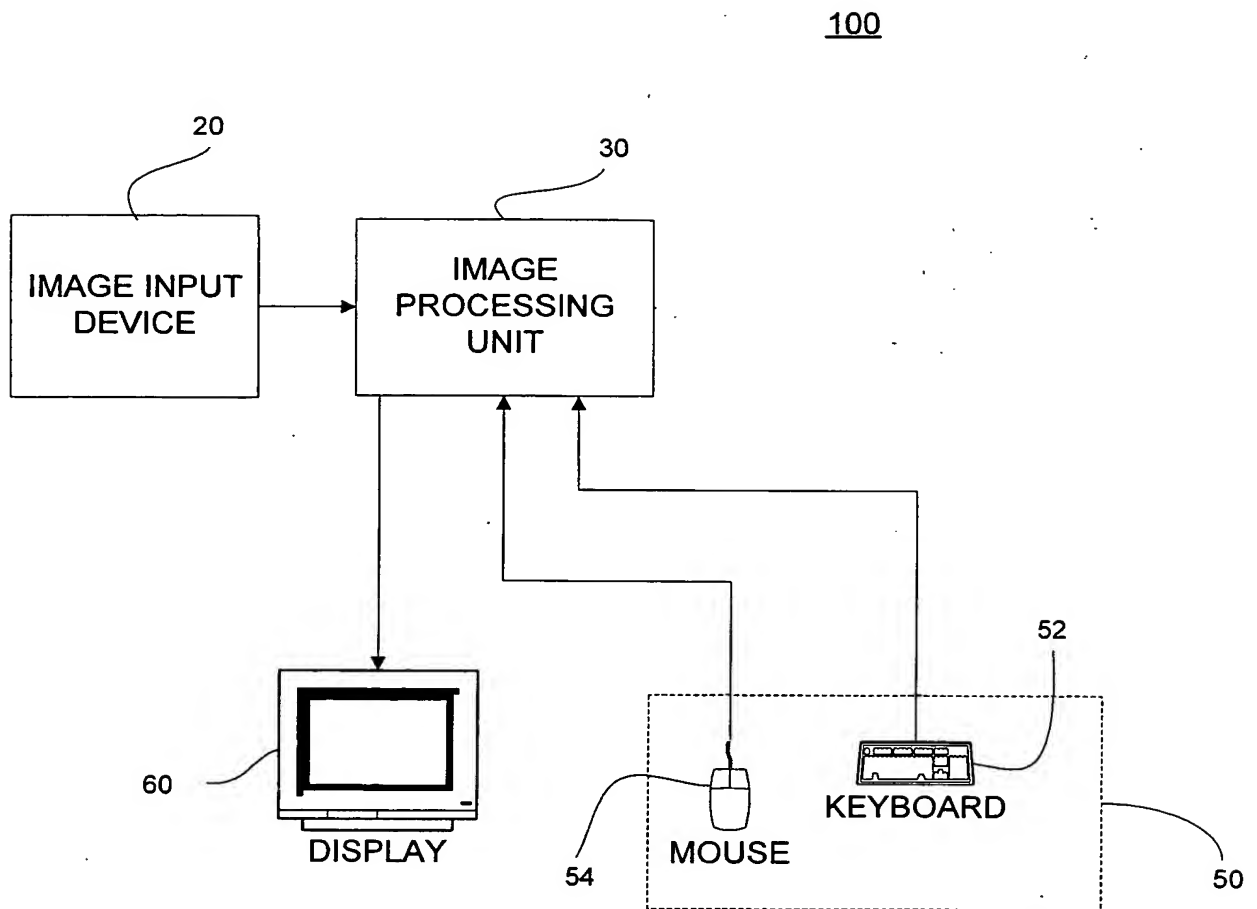


FIG. 2

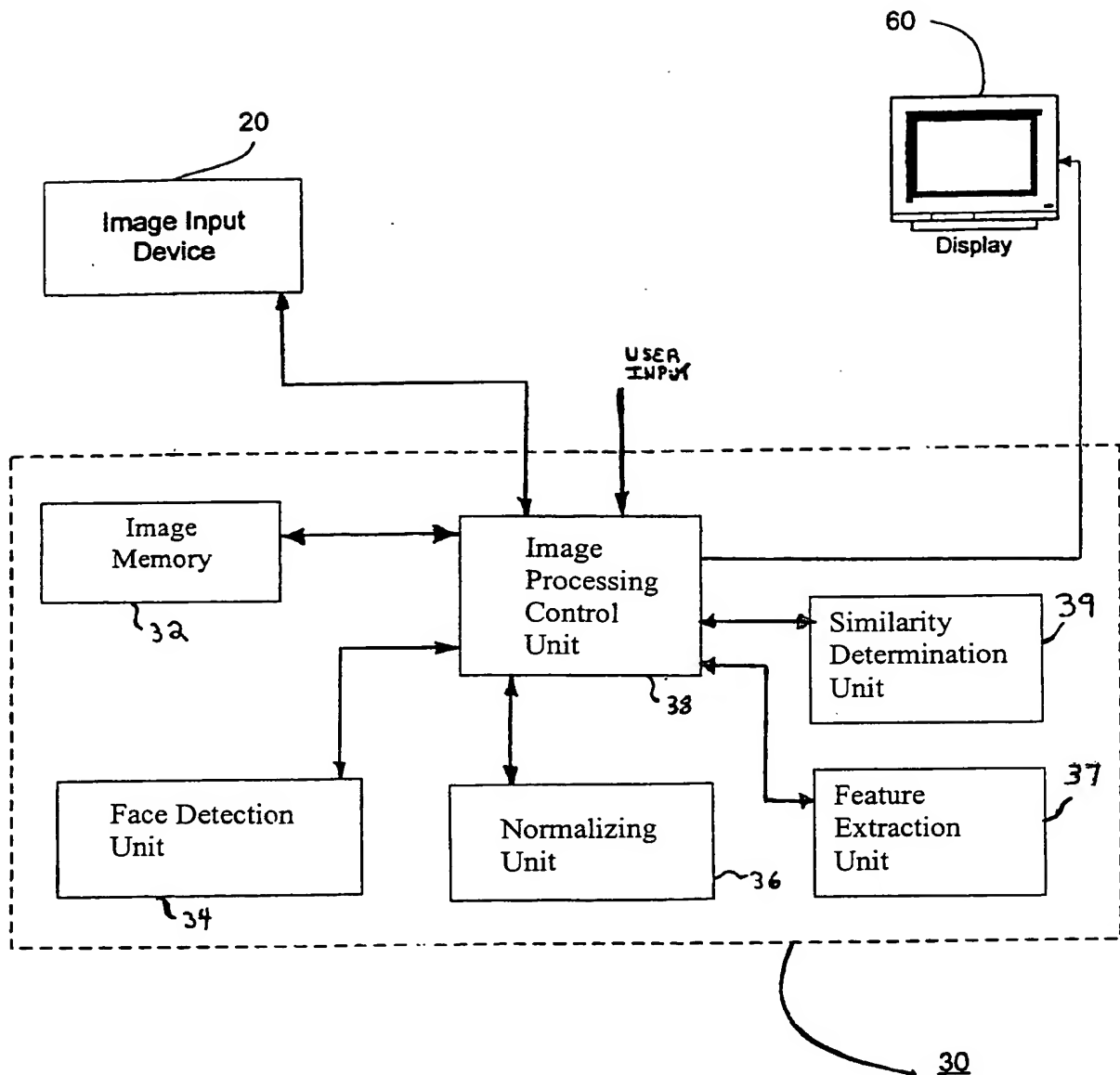
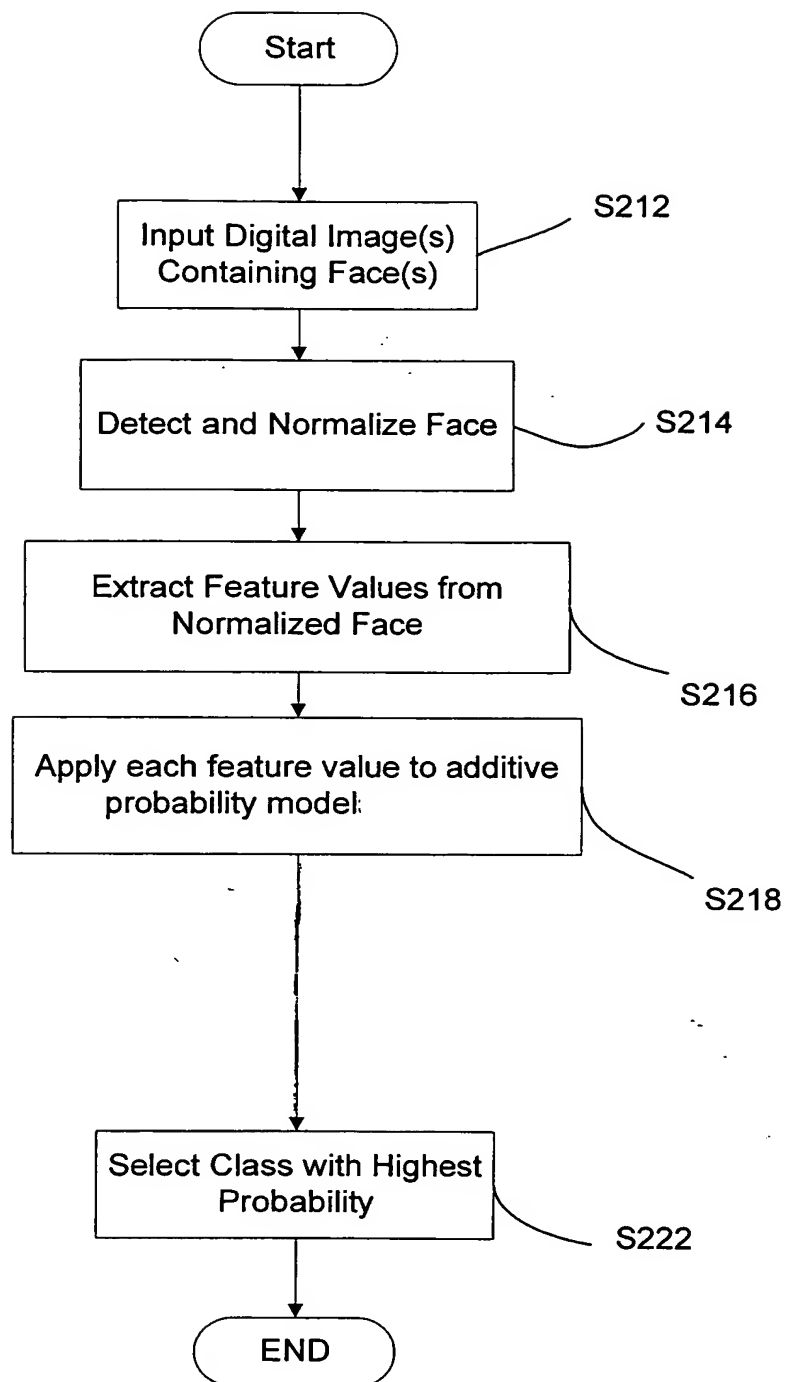
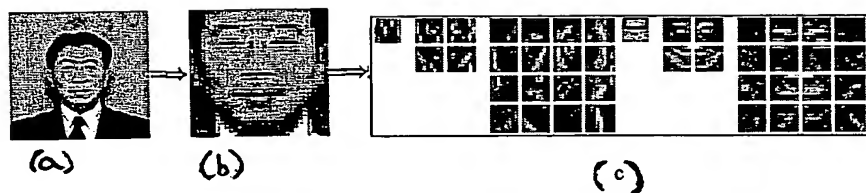


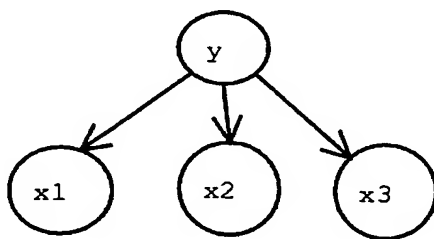
FIG. 3



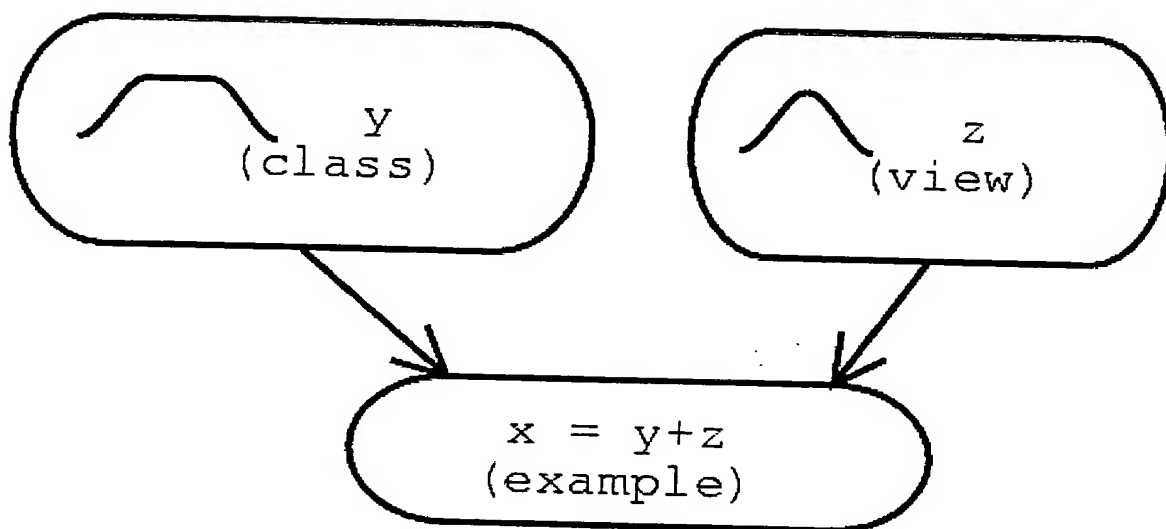


**FIG. 4**

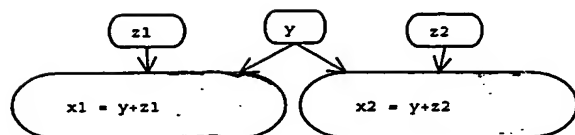
Computing the Face Model:  
 Given  $X$ 's (examples), compute the  
 posterior probability distribution  
 for  $Y$ .  
 (Do this for all features independently)



**FIG. 7**

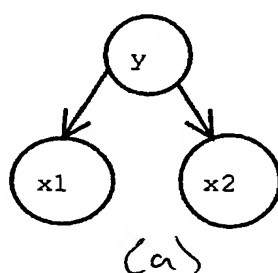


**FIG. 5A**

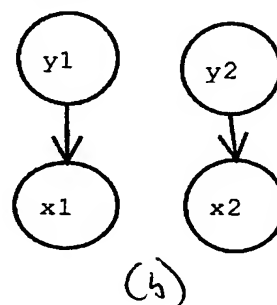


**5B**

Face verification:  
Given  $X1$  and  $X2$ , are they more  
likely to belong to same person  
or different people?  
(Do this for all features independently)



VS.



**FIG. 8**

# FIG 6

